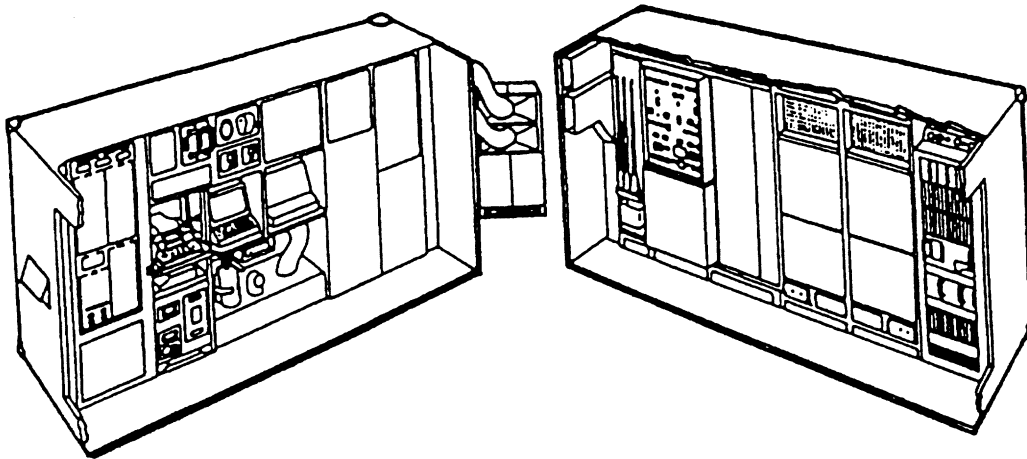


AN/TYC-39



SYSTEM IDENTIFIERS	
NOMENCLATURE:	Central Message Switching, Automatic
SSN:	B74101
LIN:	C41061
NSN:	5805-01-123-1851
AMIM NO:	S027
EIC:	HLZ
FUEL TYPE:	-----

SYSTEM DESCRIPTION
The AN/TYC-39 Central Message Switching, Automatic supplies switching service as part of the TRI-TAC system. The AN/TYC-39 provides 50 lines for store-and-forward message switching. The AN/TYC-39 permits local message generation, aids in the detection of message composition errors, and assists in the correction of those errors. The AN/TYC-39 uses fiber-optic equipment to reduce size and weight.

The list below identifies components associated with this weapon/materiel system.

AN/TYC-39

LIN	NSN	NOMENCLATURE
A24463	4120-00-411-3730	AIR CONDITIONER, FL/WAL
K94880	5830-00-752-5357	INTERCOMMUNICATION STAT
S01495	5410-00-001-4093	SHELTER NONEXPANDABLE
T77181	6625-01-048-9677	TEST SET, ELECTRONIC SYSTEM
T81735	6625-01-128-2431	TEST SET, PRINTER, TS-4
U85330	5895-00-999-2435	SYNCHRONIZER ELECTRICAL, SN-394
V31243	5805-00-148-6933	TELEPHONE SET, TA-341/TT

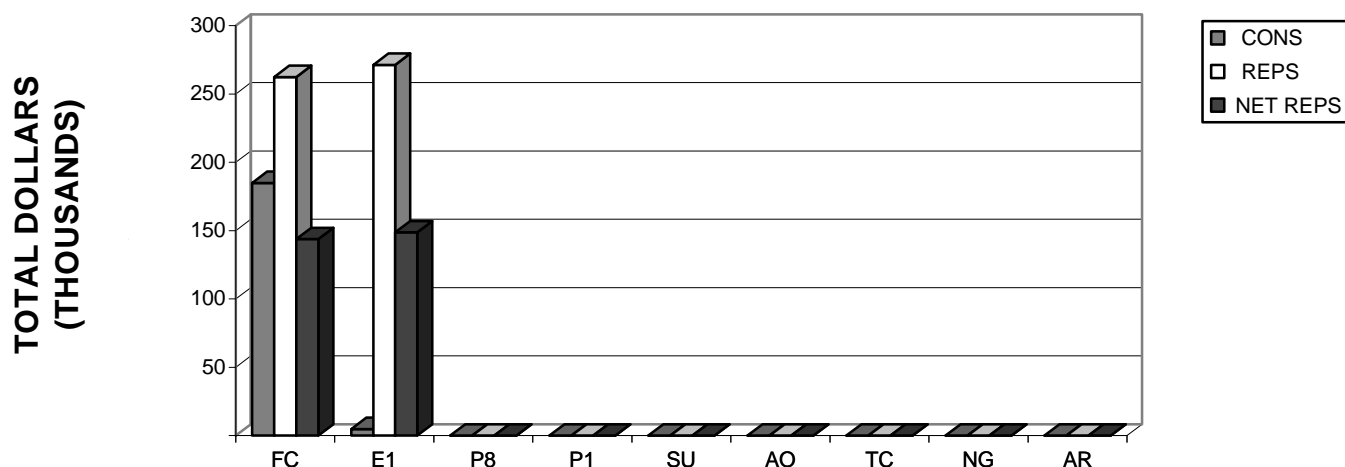
This summary provides an overview of FY 94 Total Army operating and support costs and other information for the weapon system. Average cost per system is displayed so the data can be used in performing analyses and cost studies. Average costs are calculated using the end item's density. NET REPARABLES represent the cost with the Major Subordinate Command (MSC) specific credit rates applied (detailed in Section 1 - Overview).

<p align="center">AN/TYC-39 FY 94 TOTAL ARMY COST SUMMARY (FY 94 Constant Dollars)</p>

<div>DENSITY</div> <div>NUMBER OF SYSTEMS10</div>		<div>DEPOT END ITEM MAINTENANCE (5.061)</div> <div>TOTAL\$136,926</div> <div>QUANTITY COMPLETED33</div> <div>AVG COST/END ITEM\$4,149.27</div>																
<div>CLASS III-POL (5.05)</div> <div>NOT APPLICABLE</div>		<div>DEPOT SECONDARY ITEM MAINTENANCE</div> <div>TOTAL\$175,351</div> <div>QUANTITY COMPLETED42</div> <div>AVG COST/SECONDARY ITEM\$4,175.02</div>																
<div>CLASS V-AMMUNITION (2.11)</div> <div>NOT APPLICABLE</div>		<div>INTERMEDIATE MAINTENANCE</div> <table><tr><td></td><td>DS/GS</td><td>CIVILIAN</td></tr><tr><td>MIL/CIV LABOR COST</td><td>\$133</td><td>\$0</td></tr><tr><td>AVG COST/SYSTEM</td><td>\$13.29</td><td>\$0.00</td></tr><tr><td>MAINTENANCE MANHOURS</td><td>8</td><td>0</td></tr><tr><td>MMHs/SYSTEM</td><td>0.80</td><td>0.00</td></tr></table>			DS/GS	CIVILIAN	MIL/CIV LABOR COST	\$133	\$0	AVG COST/SYSTEM	\$13.29	\$0.00	MAINTENANCE MANHOURS	8	0	MMHs/SYSTEM	0.80	0.00
	DS/GS	CIVILIAN																
MIL/CIV LABOR COST	\$133	\$0																
AVG COST/SYSTEM	\$13.29	\$0.00																
MAINTENANCE MANHOURS	8	0																
MMHs/SYSTEM	0.80	0.00																
<div>CLASS IX MATERIEL-PARTS (5.04/5.03)</div> <table><tr><td></td><td>FY 94</td><td>AVG COST</td></tr><tr><td></td><td>DOLLARS</td><td>PER SYSTEM</td></tr><tr><td>CONSUMABLES</td><td>\$189,672</td><td>\$18,967.20</td></tr><tr><td>NET REPARABLES</td><td>\$292,445</td><td>\$29,244.50</td></tr><tr><td>NET TOTAL COSTS</td><td>\$482,117</td><td>\$48,211.70</td></tr></table>					FY 94	AVG COST		DOLLARS	PER SYSTEM	CONSUMABLES	\$189,672	\$18,967.20	NET REPARABLES	\$292,445	\$29,244.50	NET TOTAL COSTS	\$482,117	\$48,211.70
	FY 94	AVG COST																
	DOLLARS	PER SYSTEM																
CONSUMABLES	\$189,672	\$18,967.20																
NET REPARABLES	\$292,445	\$29,244.50																
NET TOTAL COSTS	\$482,117	\$48,211.70																

The following graph and table display FY 94 Class IX costs for consumables (CONS), reparable, (REPS), and net reparable (NET REPS) by MACOM. CONS and REPS are the total costs of requisitions recorded in the Logistic Intelligence File (LIF). NET REPS are the cost to the customer in the field and are calculated by applying an MSC-specific credit rate at the NSN level. TOTAL ARMY (TA) costs are the summation of costs across all MACOMs in the table. NET TOTAL COSTS are the sums of the costs of CONS and NET REPS. NUMBER OF SYSTEMS is the density recorded in the Continuing Balance System - Expanded (CBS-X). AVG PER SYSTEM costs are calculated by dividing the costs in NET TOTAL COSTS by the number of systems for each MACOM.

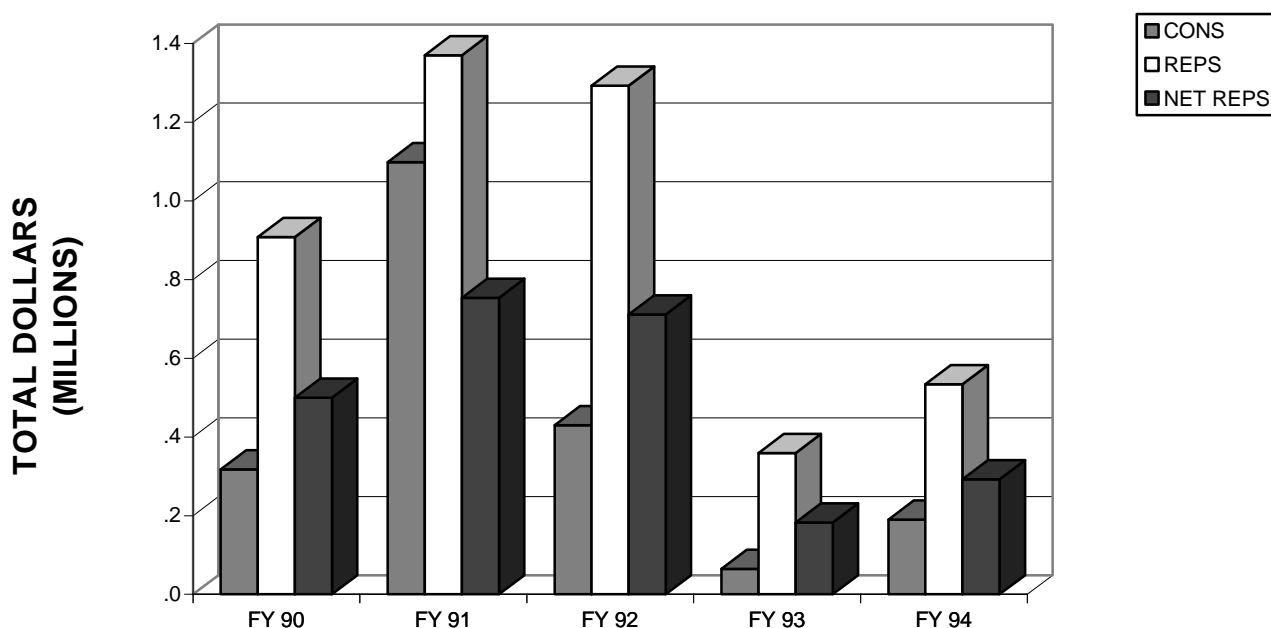
AN/TYC-39



AN/TYC-39							
FY 94 MACOM CLASS IX COSTS							
MACOM		CONS	REPS	NET REPS	NET TOTAL COSTS	NUMBER OF SYSTEMS	AVG PER SYSTEM
CODE	NAME						
FC	FORSCOM	184,876	262,359	143,773	328,649	8	41,081
E1	USAREUR	4,796	271,298	148,672	153,468	2	76,734
P8	EUSA	0	0	0	0	0	0
P1	USARPAC	0	0	0	0	0	0
SU	USARSO	0	0	0	0	0	0
AO	USASOC	0	0	0	0	0	0
TC	TRADOC	0	0	0	0	0	0
NG	ARNG	0	0	0	0	0	0
AR	USAR	0	0	0	0	0	0
TA	TOTAL ARMY	189,672	533,657	292,445	482,117	10	48,212

The following graph and table display FY 90-94 Class IX costs for consumables (CONS), reparable (REPS) and net reparable (NET REPS) by Total Army. The Total Army costs are a summation of all the MACOMs displayed on the previous page. CONS and REPS are the total cost of requisitions recorded in the Logistic Intelligence File (LIF). NET REPS are the cost to the customer in the field and are calculated by applying an MSC-specific credit rate at the NSN level. NET TOTAL COSTS are the sums of the costs of CONS and NET REPS. NUMBER OF SYSTEMS is the density recorded in the Continuing Balance System - Expanded (CBS-X). AVG PER SYSTEM costs are calculated by dividing the costs in NET TOTAL COSTS by the number of systems in the Total Army for the fiscal year. Blank rows indicate system was not tracked in the OSMIS database during that fiscal year.

AN/TYC-39



AN/TYC-39 FIVE YEAR TOTAL ARMY CLASS IX COSTS						
FISCAL YEAR	CONS	REPS	NET REPS	NET TOTAL COSTS	NUMBER OF SYSTEMS	AVG PER SYSTEM
FY 90	317,944	908,449	499,647	817,591	29	28,193
FY 91	1,098,708	1,370,254	753,639	1,852,347	23	80,537
FY 92	429,978	1,292,841	711,061	1,141,039	16	71,315
FY 93	64,344	358,907	183,043	247,387	15	16,492
FY 94	189,672	533,657	292,445	482,117	10	48,212

The Total Army Class IX costs from the previous pages are broken out by Work Breakdown Structure (WBS) in the following table. The FY 94 WBS Class IX costs for consumables (CONS) and reparables (REPS) are the total cost of requisitions recorded in the Logistic Intelligence File (LIF). The NET REPS are the cost to the customer in the field and are calculated by applying an MSC-specific credit rate at the NSN level. The TOTAL costs are a summation of all the WBS elements displayed in the table. NET TOTAL COSTS are the sum of the costs in CONS and NET REPS. NUMBER OF SYSTEMS is the density recorded in the Continuing Balance System-Expanded (CBS-X). AVG PER SYSTEM costs are calculated by dividing the costs in NET TOTAL COSTS column by the total number of systems in the Army.

AN/TYC-39 FY 94 TOTAL ARMY WORK BREAKDOWN STRUCTURE COSTS							
WBS	NAME	CONS	REPS	NET REPS	NET TOTAL COSTS	NUM OF SYSTEMS	AVG PER SYSTEM
01	SENSORS	0	0	0	0	0	0
02	PROCESSING (ADPE)	0	63,283	34,679	34,679	10	3,468
03	COMMUNICATIONS	174,463	252,034	138,115	312,578	10	31,258
04	PERIPHERALS	0	0	0	0	0	0
05	ENVIRON SUPPORT	10,561	217,867	119,392	129,953	10	12,995
06	APPLICATIONS SFT	0	0	0	0	0	0
07	SYSTEM SOFTWARE	0	0	0	0	0	0
08	INT, ASSY, TEST, C/O	0	0	0	0	0	0
09	OTHER	4,648	473	259	4,907	10	491
	TOTAL	189,672	533,657	292,445	482,117	10	48,212

The following table displays FY 90-94 Class IX costs by Work Breakdown Structure (WBS) for the Total Army. NET TOTAL COSTS are summation for all the WBS elements displayed on the previous page and are a sum of the costs of CONS and NET REPS. NUMBER OF SYSTEMS is the density recorded in the Continuing Balance System-Expanded (CBS-X). AVG PER SYSTEM costs are calculated by dividing the costs in NET TOTAL COSTS by the total number of systems in the Army for the fiscal year. Blank columns indicate system was not tracked in the OSMIS database during that fiscal year.

AN/TYC-39						
FIVE YEAR TOTAL ARMY WORK BREAKDOWN STRUCTURE COSTS						
WBS	NAME	FY 90 NET TOTAL COSTS	FY 91 NET TOTAL COSTS	FY 92 NET TOTAL COSTS	FY 93 NET TOTAL COSTS	FY 94 NET TOTAL COSTS
01	SENSORS	0	0	0	0	0
02	PROCESSING (ADPE)	28	0	0	1,347	34,679
03	COMMUNICATIONS	546,577	1,592,989	892,380	149,646	312,578
04	PERIPHERALS	32	2,501	1,403	12	0
05	ENVIRON SUPPORT	216,590	195,299	140,773	89,550	129,953
06	APPLICATIONS	0	0	0	0	0
07	SYSTEM SOFTWARE	0	0	0	0	0
08	INT, ASSY, TEST, C/O	0	0	0	0	0
09	OTHER	54,364	61,558	106,483	6,832	4,907
	TOTAL	817,591	1,852,347	1,141,039	247,387	482,117
	NUM OF SYSTEMS	29	23	16	15	10
	AVG PER SYSTEM	28,193	80,537	71,315	16,492	48,212

AN/TYC-39
TOP 40 COST DRIVERS
CLASS IX CONSUMABLES (NON-DLRs)

	NSN	NOMENCLATURE	WBS	MRC	ARI	MATCAT	FY 94 AMDF UNIT PRICE	FY 94 QTY
1.	5805011270722	MAGNETIC DISK,DATA	03J	F		G21RQ	180,426.00	0.50
2.	5805011202928	TELEPRINTER,HIGH SP	03J	F		G21RQ	39,200.00	2.00
3.	6105001927598	MOTOR,ALTERNATING C	05A	Z		J2200	1,488.56	5.27
4.	6850011003646	DESICCANT,ACTIVATED	09	Z		R2200	135.18	12.00
5.	6105011866988	MOTOR,ALTERNATING C	05A	F		B21W5	544.00	2.08
6.	4710002033174	TUBE,COPPER	09	Z		J2200	32.29	27.69
7.	4540004049232	HEATING ELEMENT,ELE	09	Z		J2200	84.75	8.22
8.	5925004825773	CIRCUIT BREAKER	03J	Z		Q2200	96.13	5.05
9.	5805011301502	MAGNETIC TAPE TRANS	03J	O		G21RQ	413.00	1.00
10.	4130012682163	COVER,AIR CONDITION	05B	F		J2100	60.91	6.67
11.	5805011291329	EXTENDER BOARD	03J	O		G21RQ	390.00	1.00
12.	5975002245260	ROD GROUND MX-148/G	03J	Z		Q2200	23.42	15.40
13.	4130001393378	COMPRESSOR UNIT,REF	05B	Z		J2200	1,164.95	0.25
14.	4130013397448	CONDENSER COIL,REFR	05B	Z		J2200	928.07	0.29
15.	5945009979335	RELAY,ELECTROMAGNET	03J	Z		Q22RJ	182.79	1.42
16.	5998011016803	CIRCUIT CARD ASSEMB	03J	H		G21RQ	248.00	1.03
17.	5340009176104	HINGE,SPECIAL	09	Z		T2200	113.03	2.17
18.	6145002841499	CABLE	03J	Z		Q22RH	21.98	11.00
19.	5805009991881	SIGNAL, SWITCHBOARD	03J	Z		G22RH	46.99	5.00
20.	6625008416641	METER, ELECTRICAL FR	09	Z		Q22RH	116.44	2.00
21.	5945004825770	RELAY,ELECTROMAGNET	03J	Z		Q2200	38.26	5.49
22.	5995011905573	CABLE ASSY 10FT	03J	F		G21T4	580.00	0.34
23.	5805001615210	TELEPHONE TERMINAL	03D	Z		Q22RH	38.53	5.00
24.	4130011921219	GUARD,CONDENSER	05B	Z		J2200	177.15	1.00
25.	5925004069653	CIRCUIT BREAKER	03J	Z		Q2200	62.58	2.82
26.	4540004321552	HEATING ELEMENT,ELE	09	Z		J2200	18.73	8.07
27.	5962010674994	MICROCIRCUIT,DIGITA	03J	Z		Q2200	3.47	39.00
28.	5965000046371	HANDSET	03A	Z		Q2200	268.09	0.50
29.	5815010472657	INTERFACE ASSEMBLY	03J	H		G21RL	835.00	0.16
30.	5975008783791	ROD,GROUND	03J	Z		Q2200	19.04	6.82
31.	5998011594864	CIRCUIT CARD ASSEMB	03J	H		G21TA	1,623.00	0.08
32.	5945000077669	RELAY,ELECTROMAGNET	03J	Z		Q2200	201.18	0.62
33.	5995007522597	CORD ASY	03J	Z		Q22RH	12.87	9.50
34.	5945005496348	RELAY,ELECTROMAGNET	03J	Z		Q2200	94.69	1.26
35.	5975006980422	BOOT,DUST AND MOIST	03J	Z		Q22RH	1.23	74.00
36.	5915004817969	FILTER,RADIO FREQUE	03E	Z		Q22RH	44.90	2.00
37.	4820002422985	VALVE,EXPANSION	09	Z		J2200	29.21	3.00
38.	4710004242694	TUBE,COPPER	09	Z		J2200	22.08	3.88
39.	4130004828081	COVER,AIR CONDITION	05B	Z		J2200	15.08	5.53
40.	5950011362195	TRANSFORMER,POWER	03J	Z		Q2200	57.86	1.36

NUMBER OF SYSTEMS	10
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NOTE: ROWS MAY NOT CALCULATE DUE TO ROUNDING

AN/TYC-39
CONSUMABLES (NON-DLRs)

EXTENDED COST (QTY * UNIT PRICE)	AVERAGE COST	AVERAGE QUANTITY	FY 90-94 FIVE YEAR AVERAGE	
	PER SYSTEM	PER 100 SYSTEMS	QTY	EXTENDED COST
90,213	9,021.30	5.0000	0.10	18,043
78,400	7,840.00	20.0000	0.80	31,360
7,844	784.40	52.7000	3.74	5,567
1,622	162.20	120.0000	6.40	865
1,132	113.20	20.8000	0.60	326
894	89.40	276.9000	7.83	253
697	69.70	82.2000	2.83	240
485	48.50	50.5000	2.64	254
413	41.30	10.0000	0.56	231
406	40.60	66.7000	1.62	99
390	39.00	10.0000	0.76	296
361	36.10	154.0000	5.79	136
291	29.10	2.5000	2.11	2,458
269	26.90	2.9000	0.23	213
260	26.00	14.2000	0.80	146
255	25.50	10.3000	8.93	2,215
246	24.60	21.7000	0.83	94
242	24.20	110.0000	4.06	89
235	23.50	50.0000	34.00	1,598
233	23.30	20.0000	1.00	116
210	21.00	54.9000	4.21	161
198	19.80	3.4000	0.07	41
193	19.30	50.0000	6.32	244
177	17.70	10.0000	0.66	117
176	17.60	28.2000	5.11	320
151	15.10	80.7000	4.48	84
135	13.50	390.0000	7.80	27
134	13.40	5.0000	0.10	27
134	13.40	1.6000	0.56	468
130	13.00	68.2000	33.21	632
130	13.00	0.8000	0.02	32
125	12.50	6.2000	6.51	1,310
122	12.20	95.0000	33.70	434
120	12.00	12.6000	3.64	345
91	9.10	740.0000	211.97	261
90	9.00	20.0000	1.20	54
87	8.70	30.0000	2.00	58
86	8.60	38.8000	9.99	221
84	8.40	55.3000	15.15	228
79	7.90	13.6000	1.59	92

187,540	98.9%	TOP 40
2,132	1.1%	OTHERS
=====		
189,672		

AN/TYC-39
TOP 40 COST DRIVERS
CLASS IX REPARABLES (DLRs)

	NSN	NOMENCLATURE	WBS	MRC	ARI	MATCAT	FY 94 AMDF UNIT PRICE		FY 94 QTY
							W/O CREDIT	W/CREDIT	
1.	6130011269261	POWER SUPPLY	05A	D	E	G21RQ	9,111.00	4,992.83	10.00
2.	5865011347148	DATA PROCESSING SI	02A	D		G21TA	175,786.00	96,330.73	0.36
3.	5805011276289	CIRCUIT CARD ASSEM	03J	D	D	G21RQ	27,143.00	14,874.36	2.00
4.	5805011276277	SPINDLE ASSEMBLY	03J	D	R	G21RQ	36,326.00	19,906.65	1.00
5.	6130011202975	POWER SUPPLY	05A	D		G21RQ	16,698.00	9,150.50	2.00
6.	6130011202972	POWER SUPPLY ASSE	05A	D		G21RQ	7,076.00	3,877.65	4.50
7.	5835010983628	CARTRIDGE,MAGNETI	03J	H	E	G21RJ	401.00	219.75	69.19
8.	6130011270725	POWER SUPPLY	05A	D		G21RQ	4,333.00	2,374.48	6.00
9.	5805011202929	POWER PROCESSOR	03J	H	E	G21RQ	4,858.00	2,662.18	5.09
10.	6130011202971	POWER SUPPLY ASSE	05A	D		G21RQ	5,391.00	2,954.27	4.00
11.	5835012030450	CARTRIDGE,MAGNETI	03J	H	C	G21RJ	401.00	219.75	40.12
12.	5998011863433	CIRCUIT CARD ASSEM	03J	D	C	G21RQ	2,003.00	1,097.64	6.00
13.	6130011202974	POWER SUPPLY	05A	D	D	G21RQ	21,445.00	11,751.86	0.50
14.	5805011276286	CIRCUIT CARD ASSEM	03J	D	E	G21RQ	5,147.00	2,820.56	2.00
15.	5998011613901	CIRCUIT CARD ASSEM	03J	D		G23RQ	8,037.00	4,404.28	1.00
16.	5805011276288	CIRCUIT CARD ASSEM	03J	L		G21RQ	3,808.00	2,086.78	2.00
17.	5835011255767	TRANSPORT,MAGNET	03J	D	C	G21RQ	23,983.00	13,142.68	0.31
18.	5805011222917	POWER MODULE ASSI	03J	D	C	G21RQ	2,458.00	1,346.98	2.50
19.	5805011203067	CIRCUIT CARD ASSEM	03J	D		G21RQ	972.00	532.66	5.00
20.	5805011202926	KEYBOARD,VIDEO DIS	03J	D	D	G21RQ	951.00	521.15	4.00
21.	5998011877926	CIRCUIT CARD ASSEM	03J	D		G21RQ	603.00	330.44	6.00
22.	5805011264010	INTERFACE ASSEMBL	03J	L	D	G21RQ	1,191.00	652.67	3.00
23.	5998011203079	CIRCUIT CARD ASSEM	03J	D		G21RQ	1,096.00	600.61	3.10
24.	6130011062725	POWER SUPPLY	05A	D		G21RQ	4,430.00	2,427.64	0.73
25.	5805010346416	PRINTED CIRCUIT BOA	03J	L		G21RH	532.00	291.54	6.00
26.	5805011203070	CIRCUIT CARD ASSEM	03J	L		G21RQ	1,029.00	563.89	3.00
27.	5805011203076	CIRCUIT CARD ASSEM	03J	D		G21RQ	2,557.00	1,401.24	1.00
28.	5998011203069	CIRCUIT CARD ASSEM	03J	L	C	G21RQ	2,076.00	1,137.65	1.00
29.	5999011869230	CIRCUIT CARD ASSEM	03J	D	D	G21RQ	1,020.00	558.96	2.00
30.	5895010762800	POWER AMPLIFIER	03J	D		G21RJ	1,859.00	1,018.73	0.92
31.	5998004490707	CIRCUIT CARD ASSEM	03J	L		G21RH	1,481.00	811.59	1.00
32.	5805011470200	CIRCUIT CARD ASSEM	03J	L		G21RQ	1,473.00	807.20	1.00
33.	5962011346798	CORE MEMORY,16K	03J	D	D	G21TA	17,676.00	9,686.45	0.06
34.	5805011203068	CIRCUIT CARD ASSEM	03J	L		G21RQ	918.00	503.06	1.00
35.	5998011203078	CIRCUIT CARD ASSEM	03J	D		G21RQ	810.00	503.06	1.00
36.	6130011202969	CHARGER,BATTERY	09	D	E	G21RQ	5,911.00	3,239.23	0.08
37.	5975011203051	WIRING HARNESS,BR/	03J	F	R	G21RQ	5,432.00	2,976.74	0.08
38.	5998000093473	CIRCUIT CARD ASSEM	03J	D		G21RH	387.00	212.08	1.00
39.	5998010529644	CIRCUIT CARD ASSEM	03J	D		G21RH	378.00	207.14	1.00
40.	5998004490605	CIRCUIT CARD ASSEM	03J	L		G21RH	284.00	155.63	1.00

NUMBER OF SYSTEMS	10
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NOTE: ROWS MAY NOT CALCULATE DUE TO ROUNDING

AN/TYC-39
REPARABLES (DLRs)

EXTENDED COST (W/CREDIT) (QTY * UNIT PRICE)	AVERAGE COST (W/CREDIT)	AVERAGE QUANTITY	FY 90-94 FIVE YEAR AVERAGE	
	PER SYSTEM	PER 100 SYSTEMS	QTY	EXTENDED COST (W/CREDIT)
49,929	4,992.90	100.0000	10.20	50,927
34,679	3,467.90	3.6000	0.07	6,743
29,749	2,974.90	20.0000	0.40	5,950
19,907	1,990.70	10.0000	0.60	11,944
18,302	1,830.20	20.0000	0.60	5,490
17,449	1,744.90	45.0000	2.70	10,470
15,204	1,520.40	691.9000	104.84	23,039
14,247	1,424.70	60.0000	3.20	7,598
13,551	1,355.10	50.9000	2.02	5,378
11,817	1,181.70	40.0000	1.80	5,318
8,816	881.60	401.2000	197.02	43,295
6,586	658.60	60.0000	1.20	1,317
5,876	587.60	5.0000	0.30	3,526
5,641	564.10	20.0000	0.40	1,128
4,404	440.40	10.0000	0.20	881
4,174	417.40	20.0000	0.40	835
4,075	407.50	3.1000	6.86	90,159
3,367	336.70	25.0000	1.70	2,290
2,663	266.30	50.0000	1.20	639
2,085	208.50	40.0000	1.60	834
1,982	198.20	60.0000	1.40	463
1,958	195.80	30.0000	0.60	392
1,862	186.20	31.0000	7.42	4,457
1,772	177.20	7.3000	2.95	7,162
1,749	174.90	60.0000	6.00	1,749
1,692	169.20	30.0000	0.60	338
1,401	140.10	10.0000	0.20	280
1,138	113.80	10.0000	0.40	455
1,118	111.80	20.0000	0.40	224
937	93.70	9.2000	0.58	591
812	81.20	10.0000	2.60	2,110
807	80.70	10.0000	0.20	161
581	58.10	0.6000	0.01	97
503	50.30	10.0000	0.20	101
275	27.50	6.2000	6.32	2,805
259	25.90	0.8000	1.22	3,952
238	23.80	0.8000	0.42	1,250
212	21.20	10.0000	0.60	127
207	20.70	10.0000	0.20	41
156	15.60	10.0000	0.40	62

292,180	99.9%	COST DRIVERS
265	0.1%	OTHERS
=====		
292,445		

The following table summarizes FY 94 Depot Maintenance Costs from the Master File Maintenance (MFM). Depot maintenance costs are displayed by cost elements for end item maintenance and secondary item maintenance. The OTHER cost columns represent work categories such as progressive maintenance, renovation, and fabrication/manufacture. For reporting purposes, TRANSPORTATION costs recorded in the World Aircraft Logistics Conference (WALC)/Special Aircraft Assignment Mission (SAAM) records are shown in the OTHER maintenance category.

AN/TYC-39							
FY 94 DEPOT MAINTENANCE COSTS							
COST ELEMENTS	END ITEM MAINTENANCE				SECONDARY ITEM MAINTENANCE		
	REPAIR	OVERHAUL	OTHER	MODIFICATION	REPAIR	OVERHAUL	OTHER
CIVILIAN LABOR	0	0	53,210	0	0	66,239	0
MILITARY LABOR	0	0	0	0	0	0	0
MATERIEL	0	0	4,400	0	0	7,535	0
TRANSPORTATION	0	0	0	0			
OVERHEAD	0	0	73,591	0	0	100,049	0
CONTRACT	0	0	0	0	0	0	0
OTHER	0	0	5,725	0	0	1,528	0
TOTAL	0	0	136,926	0	0	175,351	0
QTY COMPLETED	0	0	33	0	0	42	0
AVG COST	0	0	4,149	0	0	4,175	0

The table below summarizes FY 94 Intermediate Maintenance Costs from the Work Order Logistics File (WOLF) data. The labor hours and labor costs for Direct Support/General Support Intermediate Maintenance (DS/GS) and Civilian Maintenance are displayed by MACOM and Total Army. MACOM DS/GS LABOR COSTS are calculated by multiplying MACOM labor hours by the Army Manpower Cost System (AMCOS) E-5 composite standard rate (\$16.61). CIVILIAN LABOR COSTS are a summation from the source data.

AN/TYC-39					
FY 94 INTERMEDIATE MAINTENANCE COSTS					
MACOM	DS/GS LABOR HOURS	DS/GS LABOR COSTS	CIVILIAN LABOR HOURS*	CIVILIAN LABOR COSTS*	CIVILIAN LABOR COST/HOUR
FORSCOM	8	133	0	0	0.00
USAREUR	0	0			
EUSA	0	0			
USARPAC	0	0			
USARSO	0	0			
USASOC	0	0			
TRADOC	0	0	0	0	0.00
ARNG	0	0			
USAR	0	0			
TOTAL ARMY	8	133	0	0	0.00

*TRADOC LABOR HOURS and LABOR COSTS include contractor hours and costs.

The following table summarizes FY 90-94 Depot Maintenance Costs. The depot maintenance data are recorded in MFM. FY 94 costs are a summation of the cost elements displayed on the previous page. END ITEM OVERHEAD costs were not separately identified prior to FY 92. TRANSPORTATION costs are recorded in the WALC/SAAM records. Blank columns indicate system was not tracked in the OSMIS database during that fiscal year.

AN/TYC-39 FIVE YEAR DEPOT MAINTENANCE COSTS										
COST ELEMENTS	END ITEM MAINTENANCE					SECONDARY ITEM MAINTENANCE				
	FY 90	FY 91	FY 92	FY 93	FY 94	FY 90	FY 91	FY 92	FY 93	FY 94
CIVILIAN LABOR	300,827	350,947	303,040	292,469	53,210	11,290	63,706	13,643	45,386	66,239
MILITARY LABOR	0	0	0	0	0	0	0	0	0	0
MATERIEL	88,014	375,535	136,394	35,348	4,400	4,304	47,055	22,824	4,693	7,535
TRANSPORTATION	0	0	0	0	0					
OVERHEAD	0	0	347,089	362,503	73,591	13,238	107,543	28,151	61,824	100,049
CONTRACT	0	0	0	0	0	0	0	0	0	0
OTHER	485,664	570,739	166,109	123,318	5,725	969	13,362	2,925	0	1,528
TOTAL	874,505	1,297,221	952,632	813,638	136,926	29,801	231,666	67,543	111,903	175,351
QTY COMPLETED	86	84	107	91	33	80	127	34	245	42
AVG COST	10,169	15,443	8,903	8,941	4,149	373	1,824	1,987	457	4,175

The table below summarizes FY 90-94 Intermediate Maintenance Costs from WOLF. The fiscal year total costs for Direct/General Support Intermediate Maintenance (DS/GS) and Civilian Maintenance are displayed by MACOM and Total Army. MACOM DS/GS labor costs are calculated by multiplying MACOM labor hours by the Army Manpower Cost System (AMCOS) E-5 composite standard rate. DS/GS COST PER HR is the E-5 composite standard rate in FY 94 constant dollars. CIVILIAN LABOR COSTS are a summation from the source data. Blank columns indicate system was not tracked in the OSMIS database during that fiscal year.

AN/TYC-39 FIVE YEAR INTERMEDIATE MAINTENANCE COSTS										
MACOM	DIRECT/GENERAL SUPPORT INTERMEDIATE MAINTENANCE (DS/GS)					CIVILIAN MAINTENANCE (CIV)				
	FY 90	FY 91	FY 92	FY 93	FY 94	FY 90	FY 91	FY 92	FY 93	FY 94
FORSCOM	2,415	2,300	170	60	133	0	0	0	0	0
USAREUR	7,228	1,873	402	129	0					
EUSA	0	0	0	0	0					
USARPAC	0	0	0	0	0					
USARSO	0	0	0	0	0					
USASOC	0	0	0	0	0					
TRADOC	0	0	0	0	0	0	121,325	67,942	56,215	0
ARNG	0	0	0	49	0					
USAR	0	0	0	0	0					
TOTAL ARMY	9,643	4,173	572	238	133	0	121,325	67,942	56,215	0
LABOR HRS	574	246	34	15	8	0	5,161	2,978	2,297	0
COST PER HR	16.80	16.96	16.84	17.19	16.61	0.00	23.51	22.81	24.47	0.00

The following list shows the FY 94 Secondary Item - Rebuilds/Overhauls Cost Drivers recorded in the MFM. AVG COST TO REBUILD/OVERHAUL is calculated by dividing the costs in FY 94 TOTAL COST TO REBUILD/OVERHAUL by FY 94 QTY COMPLETED.

AN/TYC-39 FY 94 DEPOT SECONDARY ITEM MAINTENANCE - REBUILDS/OVERHAULS COST DRIVERS					
NSN	NOMENCLATURE	FY 94 AMDF PRICE	FY 94 TOTAL COST TO REBUILD/ OVERHAUL	FY 94 QTY COMPLETED	AVG COST TO REBUILD/ OVERHAUL
5805-01-120-2929	POWER PROCESSOR	4,858	139,902	33	4,239
6130-01-120-2974	POWER SUPPLY	21,445	18,952	5	3,790
5835-01-125-5767	TRANSPORT,MAGNET	23,983	13,826	2	6,913
6625-01-127-6846	GENERATOR TEST P	8,562	2,671	2	1,336

The following list shows the FY 94 Secondary Item Maintenance - Repairs Cost Drivers recorded in MFM. AVG COST TO REPAIR is calculated by dividing the costs in FY 94 TOTAL COST TO REPAIR by FY 94 QTY COMPLETED.

AN/TYC-39 FY 94 DEPOT SECONDARY ITEM MAINTENANCE - REPAIRS COST DRIVERS					
NSN	NOMENCLATURE	FY 94 AMDF PRICE	FY 94 TOTAL COST TO REPAIR	FY 94 QTY COMPLETED	AVG COST TO REPAIR
NO DATA AVAILABLE					

The following list shows the FY 90-94 Secondary Item - Rebuild/Overhauls Cost Drivers recorded in MFM. These five year Cost Drivers were revised from previous years' reports, see Appendix A, Section 13 for further explanation. AVG COST TO REBUILD/OVERHAUL is calculated by dividing the costs in FY 90-94 TOTAL COST TO REBUILD/OVERHAUL by FY 90-94 QTY COMPLETED.

AN/TYC-39 FIVE YEAR DEPOT SECONDARY ITEM MAINTENANCE - REBUILDS/OVERHAULS COST DRIVERS					
NSN	NOMENCLATURE	FY 94 AMDF PRICE	FY 90-94 TOTAL COST TO REBUILD/ OVERHAUL	FY 90-94 QTY COMPLETED	AVG COST TO REBUILD/ OVERHAUL
5805-01-120-2929	POWER PROCESSOR	4,858	229,712	48	4,786
5805-01-120-2928	TELEPRINTER,HIGH	39,200	45,888	7	6,555
5835-01-125-5767	TRANSPORT,MAGNET	23,983	40,971	3	13,657
5835-01-098-3628	CARTRIDGE,MAGNET	401	22,596	118	191
6130-01-120-2974	POWER SUPPLY	21,445	18,952	5	3,790
6130-01-120-2972	POWER SUPPLY ASS	7,076	11,752	5	2,350
5998-00-449-0707	CIRCUIT CARD ASS	1,481	8,793	12	733
5835-01-203-0450	CARTRIDGE,MAGNET	401	3,086	16	193
6625-01-127-6846	GENERATOR TEST P	8,562	2,671	2	1,336
5998-01-309-9003	CIRCUIT CARD ASS	1,393	1,182	1	1,182

The following list shows the FY 90-94 Secondary Item - Repairs Cost Drivers recorded in MFM. These five year Cost Drivers were revised from previous years' reports, see Appendix A, Section 13 for further explanation. AVG COST TO REPAIR is calculated by dividing the costs in FY 90-94 TOTAL COST TO REPAIR by FY 90-94 QTY COMPLETED.

AN/TYC-39 FIVE YEAR DEPOT SECONDARY ITEM MAINTENANCE - REPAIRS COST DRIVERS					
NSN	NOMENCLATURE	FY 94 AMDF PRICE	FY 90-94 TOTAL COST TO REPAIR	FY 90-94 QTY COMPLETED	AVG COST TO REPAIR
NO DATA AVAILABLE					

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